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S Verma, H Chaskar, R Ravikanth - Network, IEEE, 2000 - [ieeexplore.ieee.org](#)

... some reservation already acquired by the control packet of low priority data burst ...

A functional diagram of an optical cross-connect supporting OBS and using ...

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NK Tsao, C Shanghai - IEEE TRANSACTIONS ON COMPUTERS, 1981 -

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... The delta networks and full cross-bars are analyzed with ... In fact, considering the

current low ... If the source A requires to connect to destination (d2d1d0)2 ...

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G Jakobson, M Weissman - Network, IEEE, 1993 - [ieeexplore.ieee.org](#)

... Suppression: inhibiting a low-priority alarm in ... Specifying digital cross-connect products,

such as AT&T's ... nodes of the superclass digital-cross-connect-class. ...

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[A framework for optical burst switching network design](#) - [all 13 versions »](#)

JZ White, MH Le Vu - Communications Letters, IEEE, 2002 - [ieeexplore.ieee.org](#)

... does not need to be buffered or processed at the cross-connect, so that the ... used

the forward recurrence time of the transmission time of low priority bursts to ...

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JS Turner - Communications Magazine, IEEE, 2002 - [ieeexplore.ieee.org](#)

... of FPS is the recognition that the high speed and low error rate of ... The cross connect

(XCON) is a special-purpose space division switching element that allows ...

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JS Turner - Communications, IEEE Transactions on, 1988 - [ieeexplore.ieee.org](#)

... a frame belonging to a connection. It also has a subfield containing a user-specified

priority. The network preferentially discards low-priority frames when ...

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[Survivability in optical networks](#) - [all 3 versions »](#)

D Zhou, S Subramaniam - Network, IEEE, 2000 - [ieeexplore.ieee.org](#)

... Low-priority traffic ... In SONET networks, intelligent digital cross-connect systems

(DCSS) and controllers are used as the main components to realize dynamic ...

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S Sengupta, R Ramamurthy - Network, IEEE, 2001 - [ieeexplore.ieee.org](#)

... the issues involved in architecting an optical cross-connect mesh network, starting from ... backup ,bath may he nsed,fiw canying low-priority traffic which must ...

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[Building reliable MPLS networks using a path protection mechanism](#) - all 6 versions »

C Huang, V Sharma, K Owens, S Makam - Communications Magazine, IEEE, 2002 · [ieeexplore.ieee.org](#)

... paths will fail at the same time is very low. ... By mapping the inverse cross- connect table to a label ... the information available in the inverse crossconnect table ...

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[On joint protection/restoration in IP-centric DWDM based opticaltransport networks](#) - all 3 versions »

Y Ye, S Dixit, M Ali - Communications Magazine, IEEE, 2000 · [ieeexplore.ieee.org](#)

... and they may be used by low priority traffic if ... based protection is its very low network utilization. ... s applications primarily involve cross-connect-based mesh ...

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CC Feldmeier - Proceedings of the ACM symposium on Communications ..., 1990 - portal.acm.org

... or by having points of statistical multiplex- ing modify ... the scheduling algorithms at the statistical multiplexing points ... stream and a low-priority stream that ...

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[Method and system for managing queued cells - all 2 versions »](#)

HHJ Chao - US Patent 5,278,828, 1994 - Google Patents

... 65 the lower priority ones, the low priority cells will ... number 60 of bits in the priority field. ... management for ATM switches or statistical multiplex- ors, all ...

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[Hybrid connection admission control in ATM networks](#)

H Saito - Communications, 1992. ICC 92, Conference record, SUPERCOMM/ ..., 1992 - ieeexplore.ieee.org

... high-priority VC can be used by low-priority VCs ... and high quality for high-priority VCs with ... peak cell rate, and consider the statistical multiplex gain based ...

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[What should be the goal for ATM - all 2 versions »](#)

CT Lea - Network, IEEE, 1992 - ieeexplore.ieee.org

... 1992 Page 2 — Frame — y slots are used for low priority traffic 11121 JLI ... Statistical multiplexing is not allowed because the peak rate is assigned. ...

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[Advanced priority statistical multiplexer - all 6 versions »](#)

H Arimilli - US Patent 5,757,801, 1998 - Google Patents

... An advanced priority statistical multi- plexer is also ... Backward Adaptive Configurations For Low-Delay Vector ... and Apparatus for the Statistical Multiplexing of ...

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[Progress-based regulation of low-importance processes - all 9 versions »](#)

JR Douceur, WJ Bolosky - portal.acm.org

... is very small, the statistical rate comparator ... This "time-multiplex isolation" is somewhat inefficient, since it prevents low- importance processes ...

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[Priority management in ATM switching nodes - all 3 versions »](#)

H Kroner, G Hebuterne, P Boyer, A Gravey - Selected Areas in Communications, IEEE Journal on, 1991 - ieeexplore.ieee.org

... When offered jointly on any multiplex, two classes of ... the short-term behavior of a statistical multiplexer can ... for pushing out or replacing low priority cus- to ...

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[Bandwidth allocation and selective discarding for variable bit rate video and bursty data calls in ... - all 2 versions »](#)

M Decina, L Faglia, T Toniatti, PM Cefriel - INFOCOM'91. Proceedings. Tenth Annual Joint

Conference of ..., 1991 - [ieeexplore.ieee.org](#)

... There is no gain due to the statistical multiplexing between the bursty traffic and the ... P: this occurs because with few sources the multiplexing gain is low. ...

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[Modeling one-and two-layer variable bit rate video](#) - [all 9 versions »](#)

K Chandra, AR Reibman - IEEE/ACM Transactions on Networking (TON), 1999 - [portal.acm.org](#)

... The enhancement layer, which contains the remaining information, can be transported at low priority. Pancha and El Zarki [15] explore the statistical ...


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[Rate shaping in per-flow output queued routing mechanisms for statistical bit rate service](#) - [all 3 versions »](#)

LC Rogers, CJ Kappler, JB Lyles - US Patent 6,064,651, 2000 - [Google Patents](#)

... REALTIME LOW PRIORITY CALENDAR QUEUE FIG. 5 ... 81 Page 6. 6,064,651 RATE SHAPING IN PER-FLOW OUTPUT QUEUED ROUTING MECHANISMS FOR STATISTICAL BIT RATE SERVICE ...

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[L Hanzo](#)
 C Sbarounis, R Squires, T Smigla, F Faris, A ... - Military Communications Conference, 2004. MILCOM 2004. IEEE - [ieeexplore.ieee.org](#)
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... allows more terminals to share the bandwidth, and provides ... the radio frequency (W) links of a protected ... DCM, Uplink DAMA, and Downlink Statistical Multiplexing ...

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 KS Sohn, DK Sung - Communications, 2002. ICC 2002. IEEE International ..., 2002 - [ieeexplore.ieee.org](#)

... by any sub-LSP to be protected by it ... of sub-LSPs can achieve a larger reduction of spare bandwidth. ... may suffer from the loss of statistical multiplex- ing gain ...

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[Generic framing procedure \(GFP\): the catalyst for efficient dataover transport - all 6 versions »](#)

 P Bonenfant, A Rodriguez-Moral - Communications Magazine, IEEE, 2002 - [ieeexplore.ieee.org](#)

... the transport equiv- alent (roughly speaking) of statistical multiplex- ing while ... transport carriers' comfort level with SONET/ SDH bandwidth management. ...

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[A new direction for quality of service: flow-aware networking - all 2 versions »](#)

 S Oueslati, J Roberts - Next Generation Internet Networks, 2005, 2005 - [ieeexplore.ieee.org](#)

... from all mathematical models of statistical multiplex- ing, including the theory of effective bandwidth, lead us ... of the list of protected flows and ...

 Cited by 19 - [Related Articles](#) - [Web Search](#) - [Import into BibTeX](#)
[Traffic management in packet communications networks - all 3 versions »](#)

H Ahmadi, R Guerin, L Gun - US Patent 5,289,462, 1994 - Google Patents

... token rate width for the new connection if the statistical multiplex- should be no greater than the bandwidth reserved for ing assumption ...

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[Supporting real-time applications in an Integrated Services Packet Network: architecture and ... - all 39 versions »](#)

 DD Clark, S Shenker, L Zhang - Applications, Technologies, Architectures, and Protocols for ..., 1992 - [portal.acm.org](#)

... of scale, ubiquity of access, and improved statistical multiplex- ing. There is a broad consensus, at least in the computer networking ...

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 V Compression - [doi.wiley.com](#)

... cases, the base layer is better protected so that ... tempo- rarely to route and multiplex cells. ... Through statistical multiplexing of multiple variable, bit-rate ...

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[BOOK] [Scalable Resource Reservation for Multi-party Real-time Communication](#) - all 9 versions »

A Gupta - 1994 - dancer.ca.sandia.gov

... that takes into account gains from statistical multi-plexing ... in which the streams are known to multiplex). ... Scheduling priority is protected automatically 6 ...

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[Adaptive bandwidth system and method for broadcast data](#) - all 6 versions »

D Sheeran - US Patent 6,909,726, 2005 - Google Patents

... data packets and various statistical multiplexing techniques. ... bandwidth even though it is not protected). ... Transport Stream (MPTS) multiplex contains multiple ...

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[Integrating video codecs in ATM networks](#)

B Voeten, W Verbiest, J David, AB Telephone - Switching Symposium, 1990. XIII International, 1990 - [ieeexplore.ieee.org](#)

... The bits must be error protected to prevent false detection of ... of the result of the multiplexing process, the statistical behaviour of the multiplex will be ...

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